

## **GTAP Related Activities of FAL-MA**

The Institute of Market Analysis and Agricultural Trade Policy of the Federal Agricultural Research Centre in Germany (FAL-MA) is a member of the GTAP consortium since 1999. FAL-MA uses the GTAP for a range of research activities including issues related to international trade in agricultural and food products and the environment. Below you will find a short summary of GTAP related research activities and publications in 2000/2001.

### **FAL-MA research activities in 2000:**

- *Short Course in Global Trade Analysis:*  
Claudia HEROK, Lutz KERSTEN and Petra SALAMON participated in the GTAP Short Course in Global Trade Analysis at Purdue.
- *Environmental issues:*  
FAL-MA participated in the EU financed Concerted Action Project "Assessment of the GTAP Modelling Framework for Policy Analysis from a European Perspective" (FAIR6 CT 98-4148-GTAP-EU) as one of the four core members with responsibility for the analysis of environmental issues related to agricultural policy. The two years project (February 1999 - February 2001) was coordinated by the LEI and supported by 9 other European partners who (potentially) use GTAP. GTAP Papers related to this research activity: BROCKMEIER, u.a., 2000; BROCKMEIER, SURRY and TONGEREN, 2000.
- *EU enlargement:*  
FAL-MA and the Institute of Agricultural Economics at the University of Kiel, Germany (U. KOESTER and J. MICHALEK) participated in the EU financed PHARE project "Agriculture and Rural Areas" (PL9607). The project consisted of training modules, conduction of scenarios and write up of reports on the Agenda 2000, WTO and EU enlargement. FAL-MA was responsible for the part "Development of Analytical Capacity in the Area of Agri-Food Product Markets in Poland" (PL 9607-01-24). GTAP Papers related to this research activity: BROCKMEIER 2000a and 2000b.

### **FAL-MA research activities in 2001:**

- *WTO:*  
FAL-MA is organizing the Annual Meeting of German Association of Agricultural Economists, Braunschweig, 8 - 10 October, 2001 with focus on the next WTO round. GTAP Papers: KERSTEN, 2001a, SALAMON and HEROK, 2001

FAL-MA is participating in the expert meeting of the German Ministry of consumer protection, nutrition and agriculture (BMVEL) which is supposed to settle the ground for the next WTO Round paying special attention to developing countries. Quantitative Analysis of the effects of the next round with particular focus on developing countries will be conducted with GTAP. Related to this is the participation in the UNCTAD expert meeting on ways to enhance the production and export capacities of developing countries of agriculture and food products, Geneva, 16 - 18 July, 2001. Paper related to this research activity: KERSTEN, 2001b.

- *CAP and EU enlargement:*

Research for a paper prepared for the second international symposium on Application of Modelling as an Innovative Technology in the Agri-Food Chain. Decemb, 9th to 13th, 2001 in Palmerston North, New Zealand. GTAP paper related to this research activity: BROCKMEIER, HEROK, MANEGOLD and SALAMON, 2001.

Research for a paper prepared for the Fourth Annual Conference on Global Economic Analysis Purdue University, June 27th - June 29th, 2001, BROCKMEIER, HEROK and SALAMON, 2001.

GTAP technical paper on the modeling of CAP instruments including the EU budget in GTAP (being prepared jointly with Frank van Tongeren and Hans van Meijl, LEI)

#### **Papers/Publications of FAL-MA with GTAP relevance 2000/2001:**

BROCKMEIER, M. (2000a), Impact of Agenda 2000 on Poland's Integration with the EU - Integration Scenarios - Report I, Unpublished paper for PHARE PL 9607-01-24, Development of Analytical Capacity in the Area of Agri-Food Product Markets, (Component B), Warsaw.

BROCKMEIER, M. (2000b), Impact of Trade Liberalization on Polish foreign Trade - Report II. Unpublished paper for PHARE PL 9607-01-24 PHARE PL 9607-01-24, Development of Analytical Capacity in the Area of Agri-Food Product Markets, (Component B), Warsaw.

BROCKMEIER, M., EFFKEN, J., HEROK, C.A. and VAN TONGEREN, F. (2000), Effects of an Unilateral or Harmonized Tax on Fertilizer and Pesticide Use in EU Agriculture. Paper presented at the Rotterdam Workshop of the Concerted Action FAIR6 CT 98-4148, Rotterdam, September 21-22, 2000.

BROCKMEIER, M., HEROK, C.A. and SALAMON, P.B. (2001), Technical and Institutional Changes in an Enlarged EU: Welfare Effects for Old and New Members with a Focus on the Agri-food Chain. Paper prepared for the Forth Annual Conference on Global Economic Analysis Purdue University, June 27 - June 29.

BROCKMEIER, M., HEROK, C.A., MANEGOLD, D. and SALAMON, P.B. (2001), The Dairy Sector of an Enlarged EU: Agenda 2000 and Impacts of Technical and Institutional Changes. Paper prepared for the conference on "Applications of Modelling as an Innovative Technology in the Agri-Food Chain", 09.12.2001 - 13.12.2001 in Palmerston North, New Zealand.

BROCKMEIER, M., SURRY Y., TONGEREN F. VAN (2000), Assessment of the Usefulness of GTAP for the Analysis of Environmental Issues in a Multi Region Context. Rapport/Statens Jordbrugs- og Fiskerioekonomiske Institut Nr. 116, Kopenhagen, S. 137-163.

KERSTEN, L. (2001a), Impacts of China's Accession to the WTO on the Agricultural Market. Paper prepared for the annual conference of the German Association of Agricultural Economists, Braunschweig, 8 - 10 October, 2001 (paper is written in German).

KERSTEN, L. (2001b), World Market Integration of Agriculture. Paper prepared for UNCTAD experts meeting on ways to enhance the production and export capacities of developing countries of agriculture and food products, Geneva, 16 - 18 July, 2001.

- SALAMON, P. and HEROK, C. (2001), Effects of the Next WTO Round and the EU Enlargement on the European Milk Market. Paper prepared for the annual conference of the German Association of Agricultural Economists, Braunschweig, 8 - 10 October, 2001 (paper is written in German).
- VAN TONGEREN, F., VAN MEIJL, H., VEENENDAHL, P., FRANDBSEN, S., NIELSEN, C., STAHR, M., BROCKMEIER, M., MANEGOLD, D., FRANCOIS, J., RAMBOUT, M., SURRY, Y., VAITTINEN, R., KERKELA, L., RATINGER, T., THOMSON, K., DE FRAHAN, B.H., MEKKI, A., SALAVATICI, L. (2000), Review of Applied Models of International Trade in Agriculture and Related Resource and Environmental Modelling. Interim report No. 1 of FAIR6 CT 98-4148, 1999 (Assessment of the GTAP Modelling Framework for Policy Analysis from a European Perspective).
- VAN TONGEREN, F., VAN MEIJL, H., VEENENDAHL, P., FRANDBSEN, S., NIELSEN, C., STAHR, M., BROCKMEIER, M., MANEGOLD, D., FRANCOIS, J., RAMBOUT, M., SURRY, Y., VAITTINEN, R., KERKELA, L., RATINGER, T., THOMSON, K., DE FRAHAN, B.H., MEKKI, A., SALAVATICI, L. (2000), Review of Agricultural Trade Model: An Assessment of Models with EU Policy Relevance. In: HECKELEI, T. WITZKE, H.P. und HENRICHSMEYER, W. (Hrsg.), Agricultural Sector Modelling and Policy Information Systems. Vauk Kiel, S. 27 - 43.